

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A mMethod for producing whey powder, comprising the steps of:

- a) providing a whey concentrate with a dry matter content of at least 45%,
- b) crystallizing lactose which is present in the whey concentrate,
- c) finely dispersing the whey concentrate, and
- d) drying the finely dispersed whey concentrate to form a whey powder with sufficient free moisture for recrystallization, with the aid of a drying gas, wherein a heating step, in which the whey concentrate is held at a temperature of at least 75°C, in particular at least 85°C, for a time of between 0.25 minute and 5 minutes, is carried out between step a) and step b).

2. (Currently Amended) The mMethod according to claim 1, wherein ~~characterized in that~~ at the end of the

spray-drying step, the free moisture content is between 8% and 13%.

3. (Currently Amended) The mMethod according to claim 1 ~~or 2, wherein characterized in that~~ in the heating step the whey concentrate is held at a temperature of at least 75°C, in particular at least 85°C, for a time of between 0.5 and 4 minutes.

4. (Currently Amended) The mMethod according to claim 1, ~~-2, characterized in that in~~ wherein the heating step the whey concentrate is heated to a temperature of more than 90°C, but less than 110°C.

5. (Currently Amended) The mMethod according to claim 1, ~~wherein one of the preceding claims, characterized in that~~ in the heating step the whey concentrate is held at a temperature of between 90 and 95°C for a time of between 0.5 and 3 minutes.

6. (Currently Amended) The mMethod according to claim 1, ~~wherein one of the preceding claims, characterized in that~~ prior to step b) a dry matter content of at least 55% is created in the whey concentrate.

7. (Currently Amended) The mMethod according to claim 1, ~~wherein one of the preceding claims, characterized in that~~ the whey concentrate is a concentrate of whey permeate.

8. (Currently Amended) The mMethod according to claim 1, ~~wherein one of the preceding claims, characterized in that~~ fine particles which originate from the drying step and are entrained with the drying gas are filtered with the aid of a filter.

9. (Currently Amended) The mMethod according to claim 1, ~~wherein one of the preceding claims, characterized in that~~ steps c) and d) are carried out by means of a spray-drying process, in which the whey concentrate is atomized in a drying chamber and drying gas is passed through the atomized whey concentrate, with the spray-dried whey concentrate being collected as a powder and the drying gas being discharged via a drying gas outlet.

10. (Currently Amended) The mMethod according to claim 8 ~~wherein or 9, characterized in that~~ auxiliary gas is fed to the discharged drying gas in a quantity and at a temperature and relative atmospheric humidity which are such

that the combination of the discharged drying gas with entrained fine particles and the supplied auxiliary gas is outside the range in which the entrained fine particles are sticky.

11. (Currently Amended) The mMethod according to ~~one of claims 8 -10, characterized in that~~ wherein dry particles are fed to the discharged drying gas.

12. (Currently Amended) The mMethod according to claim 9 ~~or 10, characterized in that~~ wherein the auxiliary gas and/or the dry particles are fed to an inlet, located in the vicinity of a drying chamber, of the drying gas discharge.

13. (Currently Amended) A dDevice for producing whey powder as set forth in ~~one of claims 1-11~~ claim 1, comprising

- feed means for providing a whey concentrate with a dry matter content of at least 45%;
- crystallization means connected to the feed means for crystallizing lactose which is present in the whey concentrate; and
- a spray-drying device which is connected to the crystallization means and comprises a drying chamber having

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- a whey concentrate supply, comprising dispersing means for finely dispersing the whey concentrate,
- a whey powder discharge,
- drying means, comprising a drying gas supply and a drying gas discharge,

wherein the feed means comprise heating means which are designed to hold the whey concentrate at a temperature of at least 75°C, in particular at least 85°C, for between 0.25 and 5 minutes, and wherein the whey concentrate supply, the dispersing means and the drying means are designed to dry the whey concentrate to a powder with a moisture content of between 8% and 13%.

14. (Currently Amended) The dDevice for producing whey powder according to claim 12, ~~characterized in that~~wherein the drying gas discharge comprises a filter for filtering out fine particles which are entrained with the drying gas.

15. (Currently Amended) The dDevice according to ~~one of claims 12 -14, characterized in that~~wherein the drying gas discharge comprises an auxiliary gas supply.

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16. (Currently Amended) The dDevice according to ~~one of claims 12-15, characterized in that~~claim 12, wherein the drying gas discharge comprises an auxiliary supply of dry particles.

17. (Currently Amended) The dDevice according to ~~claim 15 or 16, characterized in that~~wherein the auxiliary gas supply and/or the auxiliary supply for dry particles are connected to an inlet, located at the drying chamber, of the drying gas discharge.